Owner Instructions

Original Instructions

Warning! Read instructions before using the machine

RSB 140

Numatic Lithium Polymer (Li- Po) Battery Powered

Numatic INTERNATIONAL

www.numatic.com

RSB140 Kit - AA30E 607395

601144

237285

601570

601100

601025

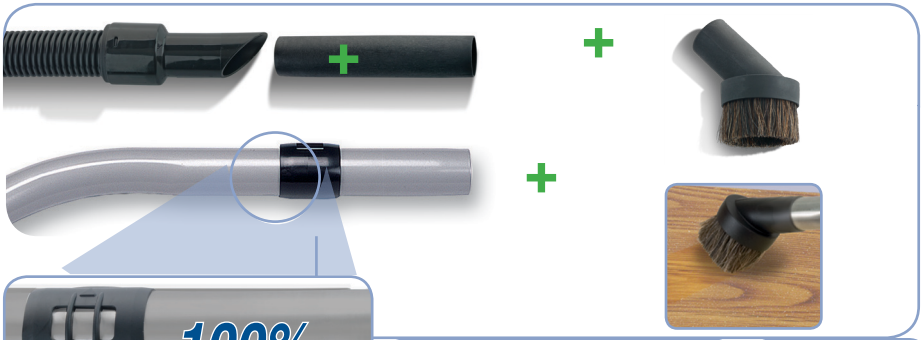
601024

601024

Assembly

Numatic
INTERNATIONAL

Numatic



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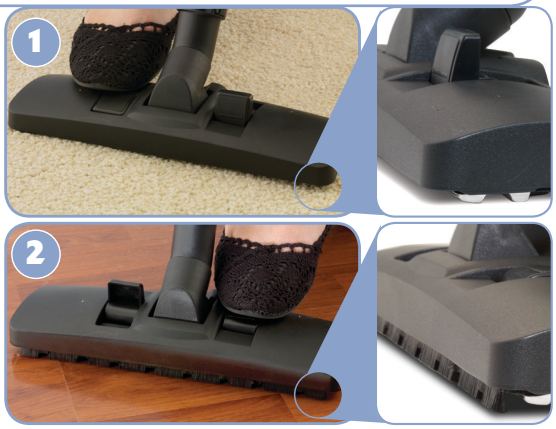

1
2

Numatic
INTERNATIONAL

NUMATIC
HEPAFLO

2
1

Numatic
INTERNATIONAL

Cleaning time
30 mins

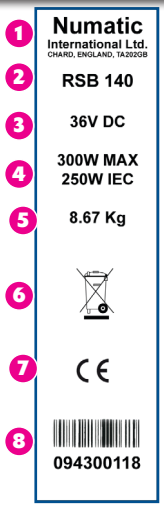
=

=

Charge time
3 1/2 hours MAX

Rating Label

1. Company Name & Address
2. Machine Description
3. Voltage Frequency
4. Power rating
5. Weight (ready to use)
6. WEEE Logo
7. CE Mark
8. Machine Serial Number



Safety Critical Components

Multi-Regional Charger
(100-240V ~ 50/60Hz)

Li-Po Battery 5.2Ah
Hepaflo Bag
Filter

PPE (personal protective equipment) That may be required for certain operations.

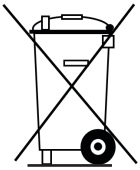
NOTE: A risk assessment should be conducted to determine which PPE should be worn.

WEEE Legislation

(Waste, Electrical and Electronic Equipment).

Vacuum cleaner, accessories and packaging should be sorted for enviromental-Friendly recycling.

(Only for EU Countries)



Do not dispose of vacuum cleaner into household waste! According to the European Directive 2002 / 96 / EC on waste electrical and electronic equipment and its incorporation into national law.

Vacuum cleaners or Batteries that are no longer suitable for use must be separately collected and sent for recovery in an environmental-friendly manner.

Daily:-
Keep the machine clean, including hoses and tubes.
Ensure the bag and filter are fitted.
Regularly examine the charger.
Check dust bag frequently.
Check filters are clean.
Weekly - as daily and:-
Check for any worn or damaged parts and replace immediately.
Do not steam clean or pressure wash.
Batteries:-
Always recharge the batteries after use.

Information for DRY USE Vacuum cleaners

WARNING

Ensure you read the instruction manual before using the machine.

Operators shall be adequately instructed on the use of these machines, as with all electrical equipment, care and attention must be exercised at all times during use, you must also make certain that routine and preventative maintenance is carried out periodically to ensure safe operation.

Failure to carry out maintenance as necessary, including the replacement of parts to the correct standard could render this equipment unsafe and the manufacturer can accept no responsibility in this respect.

This machine is for DRY USE only.

You must remove the battery from the machine BEFORE cleaning or maintenance and when replacing parts or converting the machine to another function.

This appliance is intended to be assembled, cleaned and maintained by an adult.

This machine is not suitable for the collection of biological hazards, hazardous or explosive dusts.

Contact your local distributor if you require a machine capable of performing these tasks.

The machine must not to be used by persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction.

This machine is not a toy; children shall not play with this machine.

CAUTION

This machine must not be stored outside, or used in wet environments, or to collect wet materials.

The vacuum cleaner should be stored in a dry place and is for indoor use only.

You must ensure that the filtration system fitted to the machine is suitable for the material being collected.

NOTES This product complies with the requirements of IEC 60335 - 2.69.

This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for other than normal housekeeping purposes.

If the vacuum cleaner stops working, remove the battery from the machine before investigating where the fault lies.

If the vacuum cleaner has a blockage, switch off, remove the battery from the appliance, and inspect the floor tool, wands and hose for debris. If the floor tool, wands and hose are clear, replace the dust bag and clean the filter.

This machine is equipped with a thermal cut-out to protect the motor and other vital machine parts from overheating.

Should the machine cut-out, it will automatically reset when cooled.

The vacuum cleaner should be inspected after use for damage.

The size and quality of the dust bag and filters affect the machine efficiency.

Use of non-original dust bags or non-original filters can cause restricted air flow which may lead to machine overload.

DO

- Keep your machine clean.
- Fully charge battery before first use.
- Keep filters clean.
- Use filter bags, they will enhance performance and help keep machine clean.
- Use a Numatic Original filter bag under fine dust conditions.
- Keep hoses and tubes clear.
- Replace any worn or damaged parts immediately.
- Change dust bag frequently.
- Keep diffuser filter (where fitted) clean.
- ***Remove battery from machine when not in use.***

DO NOT

- Use to suck up hot ashes, lighted cigarette ends or flammable gases.
- Use to vacuum hazardous dust, if you require a machine capable of performing this task, contact your local distributor.
- Use steam cleaners, pressure washers or immerse in water to clean the machine.
- Attempt machine maintenance or cleaning unless the battery has been removed from the supply outlet.
- Use in a wet environment or to collect wet materials.
- Store your machine in wet conditions.

Important Warnings – Batteries

Read all the warnings before using the battery.

- The battery is equipped with electronic thermal protection, refer to the ***Temperature Range Table*** below for recommended operating conditions.
- Do not store batteries along with metal objects due to risk of short circuit.
- This cleaner uses Numatic Lithium Polymer (Li-Po) batteries. Used batteries should be disposed of safely and placed in a sealed plastic bag and then handled according to all locally approved precautions and environmental regulations.
- Do not crush.
- Do not dismantle.
- Do not heat or incinerate the batteries.
- Do not short-circuit the batteries.
- Do not immerse in any liquid.
- Do not charge below 0°C.
- Do not charge damaged batteries.
- Use only original NUMATIC batteries, when replacement batteries are required.
- If the batteries are leaking, return batteries to a disposal plant or a similar local facility.
- The batteries must be removed from the appliance before the appliance is scrapped.
- The battery is to be disposed of safely and in accordance with all locally approved precautions and environmental regulations.

Temperature Range Table

Charging	5^0C~40^0C
Discharging	5^0C~45^0C
Storage	
< 1 month	5^0C~40^0C
< 6 months	5^0C~35^0C

Caution

Do not immerse or allow to get wet

Do not incinerate

If the battery is found to be faulty at any time, contact Numatic International, or your supplier for information on disposal.

Important Warnings – Charger

Read all these warnings before using the charger.

- **CAUTION!** Charge only Numatic Lithium Polymer (Li-Po) batteries, other types of batteries may burst causing personal injury and damage.
- Check the mains cord regularly for any sign of damage.
- Do not use damaged devices.
- If the mains cord of the charger is damaged, it must be replaced by an original NUMATIC INTERNATIONAL cord available from the manufacturer or service agent.
- Protect the charger against moisture and store it in a dry place.
- Do not use the charger if it is wet.
- Do not charge below 0°C.
- The mains voltage available must correspond to the voltage stated on the rating plate of the charger.
- Do not operate charger in explosive environment.
- Do not carry the charger by holding the mains cord.
- Do not handle the electrical cord or plug, with wet hands.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not cover the charger.
- Do not open the charger. Repairs shall be done only by authorised personnel.
- Do not charge damaged batteries.
- Do only charge dry batteries.
- Do not charge non-rechargeable batteries in this charger.
- The appliance is not intended for use by children or infirmed persons without supervision.

Instructions for Use – Charging Batteries

The charger is intended for use only on flat surfaces, place horizontally on floor or work suface.
The charger is intended for use with the detachable power cord supplied, the power unit is capable of operating at different voltages without user adjustment.
If the charger is damaged or does not charge anymore, please return to service centre.

Charging Procedure:

1. Ensure the battery is fully inserted into the charger.
2. Fit the mains power cord to charger and suitable power supply.
3. The LED should show RED to indicate charging.
4. Once fully charged the LED will show GREEN.
5. If power is supplied to the charger with no battery fitted the LED will show GREEN to indicate STAND-BY status.

Hazards

Health Hazards (Acute & Chronic).
The chemicals used in the battery are in a sealed container.
Risk of exposure only occurs if the battery is abused or damaged.
Contact of electrolyte and lithium with skin and eyes should be avoided.

Signs & Symptoms of Exposure.
A damaged or leaking battery can cause chemical burns upon contact.

First Aid Measures

If exposed to any of the Chemicals mentioned in the Hazards section please follow the procedures below:

Eyes.
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelid.
Seek medical attention.

Skin.
Remove contaminated clothing and rinse skin with plenty of water or shower for 15 minutes.
Seek medical attention.

Inhalation.
Vacate from site of exposure to fresh air immediately. Use oxygen if available.

Ingestion.
Give at least two glasses of milk or water. Induce vomiting unless patient is unconscious.
Seek medical attention.

Note:
Inhalation, skin contact and eye contact are possible if the battery is damaged.
Exposure to internal contents, the corrosive fumes will be very irritating to skin, eyes and mucous membranes.
Overexposure can cause symptoms of non-fibroid lung injury and membrane irritation.

Good Batteries... Good Chargers...
Good Care will ensure Good Results.

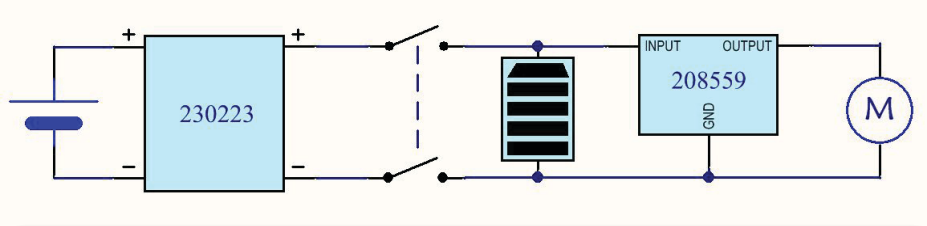
Data

Power	Motor	Airflow	Suction
36v (DC)	250W	20 L/s	1000 mbar
Size	**Capacity**	**Weight**	**Sound Pressure**
Width 250mm Depth 360mm Height 550mm	6L	7.3 Kg	65 db (A) (IEC 60704-2-1) Uncertainty 0.2dB
Run Time	**Charge Time**	**Dust Bag**	RSB 140
30 mins	3.5 hours	NVM -1CH	

Spare Parts

604508	Lithium Polymer (Li-Po) battery (UK)
604509	Lithium Polymer (Li-Po) battery X 2 (UK)
604506	Lithium Polymer (Li-Po) battery (European)
604507	Lithium Polymer (Li-Po) battery X 2 (European)
604510	Lithium Polymer (Li-Po) battery (CAN / USA)
604512	Lithium Polymer (Li-Po) battery X 2 (CAN / USA)
604500	Charger Dock UK
604501	Charger Dock European
604502	Charger Dock Swiss
604503	Charger Dock Australian
604504	Charger Dock South Africa
604505	Charger Dock USA
236170	Charger Cable UK
236171	Charger Cable European
236172	Charger Cable Swiss
236173	Charger Cable Australian
236174	Charger Cable South Africa
236175	Charger Cable USA
604105	NVM - 1CH HepaFlo Dust bag
604168	TriTex Filter

Schematic Diagram



DRW-12137 08/11/12 (A01)

Lithium Polymer Battery Warranty.

Numatic International will guarantee your Numatic Lithium Polymer battery for 550 recharging cycles, providing the cycles have been carried out to the manufacturer's specifications and requirements.

Failure to use the correct Numatic charger will void your warranty.

Notes

CE 13

EU DECLARATION OF CONFORMITY

We hereby declare under our sole responsibility that the following equipment fulfils all the relevant provisions of the following EU Directives:

Machinery Directive 2006/42/EC
EMC Directive 2004/108/EC
RoHS Directive 2011/65/EU

Machine Description: **Vacuum Cleaner**
Type: RSB 140, NBV 190, PBT 230 series

Manufactured by: Numatic International Limited

Relevant standards upon which conformity is declared include:

IEC60335-1:2010
IEC60335-2-2:2009
IEC60335-2-29 +A1 2002 + A2 2004
IEC60335-2-69:2002 +A1:2004 +A2:2007

EN 55014-1:2006
EN 55014-2:2006
EN 62233:2008

A technical construction file for this equipment is retained at the manufacturer's address under the authorisation of the following signatory:

Name:Allyn Boyes Position: Technical Manager

Signed: Date: 01 /01/2013

Numatic International Limited,
Chard , Somerset.
TA20 2GB
www.numatic.co.uk

GB

Numatic International Warranty

Numatic International Limited warrant to the original purchaser that its products are free of defects in both material or workmanship for the period shown below:-

Homecare and Cleancare Vacuum cleaners	**2 Years**
Rotary Floor Machines	**2 Years**
Twintec Auto Scrubber Dryer	**1 Year**
Vario Ride-On Scrubber Dryer	**1 Year / 1500 hours**
Mopping, Compacts, Combi and Servocare Products	**1 Year**
Individual Accessories and Spare Parts	**6 Months**

Note: This warranty expressly excludes consumable parts such as carbon brushes, floor brushes, mops, batteries etc, that are considered replaceable from time to time during the normal working life of the machine.

A. The warranty period commences from the date the goods are purchased.

B. All warranty claims must be processed through the Dealer from whom the equipment was purchased. The Dealer will co-operate with the purchaser throughout the warranty claims procedure and will arrange any necessary repairs using genuine Numatic parts.

C. If the original Dealer is no longer able to fulfil his obligations please contact Numatic International Limited with full details of the claim and proof of purchase so that this may be processed without delay.

D. Any warranty claim can only relate to the specific part that is proven to be at fault and for which a replacement will be supplied but cannot be extended to constitute a claim against the complete machine.

E. Numatic International will supply the Dealer with any warranty parts required, subject to the claim being validated, after return of the faulty items in accordance with Numatic International Limited's General Conditions of Sale.

F. Claims will not be accepted if they are the result of fair wear and tear, misuse or abuse of any kind.

G. No replacement will be given unless the appropriate evidence of the validity of the claim has been provided to the satisfaction of Numatic International Limited.

H. Numatic International Limited reserve the right to charge for any unnecessary work carried out as a result of an invalid claim.

I. No variation to this warranty may be made or implied by any member of Numatic International Limited or its Dealers unless such variation is in writing and authorised by the Company

Numatic International Limited. Chard, Somerset, TA20 2GB
Telephone: 01460 68600 Fax: 01460 68458
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Numatic INTERNATIONAL

RSB 140

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Chard, Somerset, TA20 2GB

Telephone: 01460 68600
Fax: 01460 68458

UNITED KINGDOM: www.numatic.co.uk GERMANY: www.numatic.de
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